CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
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JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/PRN/W No.16/2019-20 16.07.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

Contractor : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

Name of the work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	16.07.2020	8.198	505.2	22.45
2	18.06.2020	16.07.2020	8.185	498.6	22.16
3	18.06.2020	16.07.2020	8.168	516.3	22.95

Note:

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

AE / JE (P) RRN

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Job No.: CQCE/BBMP/PRN/W No.16/2020-21 25.06.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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Contractor : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

Name of the work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	25.06.2020	8.189	326.3	14.50
2	18.06.2020	25.06.2020	8.194	365.2	16.23
3	18.06.2020	25.06.2020	8.168	348.9	15.51

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	16.07.2020	8.184	526.3	23.39
2	18.06.2020	16.07.2020	8.196	515.2	22.90
3	18.06.2020	16.07.2020	8.168	520.3	23.12

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	25.06.2020	8.136	339.6	15.09
2	18.06.2020	25.06.2020	8.165	365.2	16.23
3	18.06.2020	25.06.2020	8.148	346.5	15.40

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Name of the work	: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	16.07.2020	8.206	502.2	22.32
2	18.06.2020	16.07.2020	8.198	516.3	22.95
3	18.06.2020	16.07.2020	8.182	524.8	23.32

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Name of the work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	25.06.2020	8.135	362.3	16.10
2	18.06.2020	25.06.2020	8.165	335.2	14.90
3	18.06.2020	25.06.2020	8.149	346.8	15.41

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	16.07.2020	8.135	526.3	23.39
2	18.06.2020	16.07.2020	8.122	515.2	22.90
3	18.06.2020	16.07.2020	8.118	528.4	23.48

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	27.05.2020	8.122	268.9	11.95
2	20.05.2020	27.05.2020	8.135	276.9	12.31
3	20.05.2020	27.05.2020	8.128	282.4	12.55

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Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	17.06.2020	8.184	398.6	17.72
2	20.05.2020	17.06.2020	8.165	385.6	17.14
3	20.05.2020	17.06.2020	8.179	376.5	16.73

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